

Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
111331APPLICATION NO.
09/725,081

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS
Atsushi UMEDA et al.FILING DATE
November 29, 2000GROUP
2834

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
OC	5,982,068	11-09-1999	Umeda et al.	310	206

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
OC	EP 0 302 118 A1	02-09-1988	Europe	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: April 26, 2002

Atty.
Dkt. No.

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Client Ref.

275902

54818-US-SUS

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: UMEDA et al

Appln. No.: NEW APPLICATION

Filing Date: November 29, 2000

Date: November 29, 2000

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of

1

Examiner: unassigned

Group Art Unit: unassigned

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
PC	AR	4 955 944	9/1990	ASO et al	123	41.31	
PC	BR	5 998 903	12/1999	UMEDA et al	310	179	
	CR						
	DR						
	ER						
	FR						
	GR						
	HR						
	IR						
	JR						
	KR						
	LR						
	MR						
	NR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
PC	OR	11-146606	5/1999	JAPAN	(See Appln pg 1)		X		X
	PR								
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								
	XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR								
	ZR								
	AAR								
	BBR								
	CCR								
	DDR								

Examiner

Pedro J. Cuevas

Date Considered:

10-8-01.

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